


In the Claims (Clean Copy)

1. (Amended) A laminate film comprising:

- a) a polyolefin polymer layer having a surface treated by a flame or corona discharge treatment method and biaxially oriented at about 5.5 – 10.0 stretch ratio in the machine direction and about 7.0 – 12.0 stretch ratio in the transverse direction, a Young's modulus of about 350,000 or more, elongation of 120% or less, and tensile strength of about 27,000 or more; and
- b) a metal layer having an optical density of at least about 1.8 deposited on said treated surface of said polyolefin-based resin layer.

2. (Amended) The laminate film of claim 1, further comprising:

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- a) a heat sealable polyolefin polymer layer or winding layer comprising at least an antiblock component selected from the group consisting of amorphous silicas, aluminosilicates, sodium calcium aluminum silicate, a crosslinked silicone polymer and polymethylmethacrylate.

3. (Amended) A laminate film comprising:

- a) a first polyolefin polymer layer having a first surface and a second surface and biaxially oriented at about 5.5 – 10.0 stretch ratio in the machine direction and about 7.0 – 12.0 stretch ratio in the transverse direction, a Young's modulus of about 350,000 or more, elongation of about 120% or less, and tensile strength of about 27,000 or more;
- b) a second polyolefin polymer layer disposed on the first surface of said first polyolefin polymer layer having a flame or corona discharge-treated surface on said second polyolefin polymer layer disposed on the side opposite that of the first polyolefin layer;
- c) a metal layer having an optical density of at least about 1.8 deposited on said second polyolefin polymer layer; and

A1 d) a heat sealable layer or a winding layer disposed on the second surface of said first polyolefin polymer layer.

A2 21. (Amended) The laminate film of claim 20, wherein the additive comprises about 5 to about 30 percent by weight of said second polyolefin polymer layer.

24. (Amended) A laminate film comprising:

a) a polyolefin polymer layer having a flame or corona discharge-treated surface and biaxially oriented at about 5.5 – about 10.0 stretch ratio in the machine direction and about 7.0 – about 12.0 stretch ratio in the transverse direction which imparts superior machine direction-tensile properties such as Young's modulus of about 350,000 or more, elongation of about 120% or less, and tensile strength of about 27,000 or more; and

b) a metal layer having an optical density of at least about 1.8 deposited on said discharge-treated surface; and wherein

A3 c) said laminate film has a barrier durability of about 60 cc/m²/day or less oxygen transmission through the laminate film when elongated at about 11,000 gf/4.75" film width elongation force.

25. (Amended) The laminate film of claim 1, wherein polyolefin polymer layer has a Young's modulus of about 350,000 to about 400,000 psi.

26. (Amended) A laminate film comprising:

• a) a first polyolefin polymer layer having a first surface and a second surface and
• biaxially oriented at about 5.5 – about 10.0 stretch ratio in the machine direction and about 7.0 – about 12.0 stretch ratio in the transverse direction, a Young's modulus of about 350,000 to or more, elongation of about 120% or less, and tensile strength of about 27,000 to about 30,000 psi or more;

b) a second polyolefin polymer layer disposed on the first surface of said first polyolefin resin layer;

c) a metal layer having an optical density of at least about 1.8 deposited on said second polyolefin resin layer; and

3 d) a heat sealable layer or a winding layer disposed on the second surface of said first polyolefin resin layer;

e) wherein the laminate film has a barrier durability of about 60 cc/m²/day or less oxygen transmission through the laminate film when elongated at about 11,000 g/4.75" film width elongation force.
